

ABSTRACT OF THE DISCLOSURE

The invention can provide a device, such as a semiconductor device, that accesses at least one semiconductor storage medium. The semiconductor device can include a given bus master that functions as a bus master, a bus interface that controls access to semiconductor storage media based on access request from the bus master, and a clock-supply-control circuit that controls the presence of the supply of a clock to the bus master based on access state information that indicates a state of access to the semiconductor storage media. The clock-supply-control circuit can stop the supply of the clock to the bus master if the bus interface is at a BUSY state, and supply the clock to the bus master if the bus interface is not at a BUSY state. Accordingly, a power consumption of a semiconductor device that accesses at least one semiconductor storage medium can be reduced.